Index of Claims

| Aρι | plic | atio | n | No |
|-----|------|------|---|----|
|     |      |      |   |    |

10/030,726

Examiner

Applicant(s)

JEKKEL ET AL

Art Unit

1651

HERBERT J LILLING

Rejected

Allowed

(Through numeral) Cancelled Restricted

Non-Elected N

Interference

Appeal Α 0 Objected

| Cla            | aim                                    | Date         |              |              |          |              |                  |          |          |          |
|----------------|--|--------------|--------------|--------------|----------|--------------|------------------|----------|----------|----------|
| Final          | Original                               | 1110         |              |              |          |              |                  |          |          |          |
|                | 1                                      | 1            | 1            | 1            | T        | T            | T                | 1        | 1        |          |
|                | 1<br>2<br>3                            | T            |              |              | 1        | $\top$       | 1                | T        |          |          |
|                | 3                                      | П            |              |              |          |              |                  |          |          |          |
|                | <b>4</b> 5                             |              |              |              |          |              |                  |          |          |          |
|                | 5                                      |              |              |              | $\Box$   | L            |                  |          |          |          |
|                | 6                                      | Ц,           |              |              |          | <u> </u>     | <u> </u>         | <u> </u> | <u> </u> |          |
|                | 7                                      | ~            |              | $oxed{oxed}$ |          |              | _                | _        |          |          |
|                | 8                                      | <u> </u>     | _            | <u> </u>     |          | _            | _                | <u> </u> |          | _        |
| $\Box$         | 9                                      | _            | _            | _            | ļ        | ļ            | L                | <u> </u> | <u> </u> | <u> </u> |
| $\square$      | 10                                     | _            | _            |              |          | ┡            | ┡                | -        |          |          |
|                | 11                                     | ┡            | ļ            | <del> </del> | ├        | ├            | ├                | -        | <u> </u> | _        |
|                | 11<br>12<br>13<br>14<br>15<br>16<br>17 | ├            | <del> </del> | ₩            | ⊢        | ⊢            | $\vdash$         | 1        | $\vdash$ | $\vdash$ |
| $\vdash\vdash$ | 1.4                                    | $\vdash$     | ├            | -            | -        | $\vdash$     | $\vdash$         |          | $\vdash$ | $\vdash$ |
| $\vdash$       | 15                                     |              |              | -            | ├        | ├            |                  | ┢        | -        |          |
| $\vdash$       | 16                                     |              |              |              |          |              |                  | $\vdash$ |          |          |
|                | 17                                     | <del> </del> |              |              | -        | <del> </del> | 1                | -        |          |          |
| <u> </u>       | 18                                     |              |              |              |          | ┢            | ├                |          | -        | _        |
| $\vdash$       | 18<br>19                               | <del> </del> |              | -            | -        | ╁            | ┢                | $\vdash$ | -        |          |
| $\vdash$       | 20                                     |              | $\vdash$     |              |          | 1            | ┢                | -        | $\vdash$ |          |
| Н              | 21                                     |              | -            | _            | 1        | ┢            | ╁                | ╁        | 1        | $\vdash$ |
| H              | 21<br>22                               | -            | ╁─           |              | $\vdash$ |              | $\vdash$         | $\vdash$ |          |          |
| H              | 23                                     |              | $\vdash$     |              |          | $\vdash$     |                  |          | $\vdash$ | П        |
|                | 23<br>24<br>25                         | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     |                  | 1        | -        |          |
|                | 25                                     | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | _                | 1        |          |          |
|                | 26                                     |              |              | _            | <b></b>  | <b>T</b>     |                  | 1        |          |          |
|                | 26<br>27                               | Г            |              |              |          |              |                  |          |          |          |
|                | 28                                     |              |              |              |          |              |                  |          |          |          |
|                | 29                                     |              |              |              |          |              |                  |          |          |          |
|                | 30                                     |              |              |              |          |              |                  | _        |          |          |
|                | 31                                     |              |              |              |          |              | _                |          |          | Ш        |
|                | 32                                     | _            |              | <u>_</u>     | <u> </u> | <u> </u>     | <u> </u>         | ╙        | <u> </u> | Щ        |
|                | 33                                     |              |              | <u> </u>     | _        | <u> </u>     | <u> </u>         | Ļ        | _        | Щ        |
|                | 34                                     | <u> </u>     |              | <u> </u>     | <u> </u> | ┡            | <b>├</b>         | $\vdash$ | $\vdash$ | Н        |
|                | 35                                     |              | L.           |              | ┡        | <u> </u>     | ┡                | ┞-       | <u> </u> |          |
|                | 36<br>37                               | _            |              | _            | _        | -            | <del> </del>     | ├        | _        | _        |
|                | 38                                     |              |              | _            |          | -            |                  | ⊢        |          |          |
|                | 39                                     |              |              | -            | _        |              | _                | ⊢        |          |          |
| $\vdash$       | 40                                     |              |              |              | -        |              |                  |          |          |          |
| $\vdash$       | 41                                     | _            |              |              |          | -            | <del> </del>     | -        | -        |          |
|                | 42                                     |              |              | Н            |          | -            | <del>  -  </del> | -        | $\vdash$ | $\dashv$ |
|                | 43                                     |              |              | _            | $\vdash$ |              | $\vdash$         | Т        | $\vdash$ | $\dashv$ |
|                | 44                                     |              |              |              |          | П            |                  | Г        |          |          |
|                | 45                                     |              |              |              | _        |              | $\Box$           |          |          | $\neg$   |
|                | 46                                     |              |              |              |          |              |                  |          |          | $\neg$   |
|                | 47                                     |              |              |              |          |              |                  |          |          |          |
|                | 48                                     |              |              |              |          |              |                  |          |          |          |
|                | 49                                     |              |              |              |          |              |                  |          |          |          |
|                | 50                                     |              |              |              |          |              |                  |          |          |          |
|                |  |              |              |              |          |              |                  |          |          |          |

| - 1  | CI             | aim                                    |                | _  |  |  | Dat  | :е_  |              |              |                  | _             |
|------|----------------|--|----------------|--|--|--|--|--|--------------|--------------|------------------|---------------|
| . 93 |                |  |                |  |  |  |  |  |              |              |                  |               |
| 1    | Final          | Original                               | -              |  |  |  |  |  |              |              |                  |               |
|      | iĒ             | Ĕ                                      |                |  |  |  |  |  |              |              |                  |               |
|      |                |  | ļ              | L  | 1_   |  | $\perp$  | $\perp$  | $\perp$      | $\perp$      | 1                | _             |
|      |                | 51<br>52<br>53                         | ↓_             | L  | $\perp$  | $\perp$  | _  | ↓_   | $\perp$      | $\vdash$     | _                | _             |
|      | <u> </u>       | 52                                     | ــــ           | <b> </b>   | ↓_   | ↓_   | $oxed{}$   | ╄  | 1            | ┖            | $\vdash$         |               |
| 1    |                | 53                                     | 1              | ┞  | 1_   | _  | $\vdash$   | $\perp$  | 1            | <u> </u>     | $\vdash$         | _             |
|      |                | 54<br>55                               | $\vdash$       | <u> </u>   | $\vdash$   | $\vdash$   | ⊢  | $\vdash$   |              | $\vdash$     | ╀                | j             |
|      | -              | 55                                     | <del> </del> - | -  | <b>├</b> -                                       | $\vdash$   | ╀  | $\vdash$   | ⊢            | $\vdash$     | <u> </u>         | 4             |
|      | -              | 56                                     | ļ              | ├—   | ├-   | $\vdash$   | ╀  | ╁  | ├            | ├            | ⊬                | _             |
| -    | -              | 57                                     | ╁              |  | -  | ļ_   | ╁  | +  | -            | -            | ⊢                |               |
| 100  | -              | 58<br>59                               | -              | $\vdash$   | -  |  | ┼  | ╁╾   | ╁            | ├            | $\vdash$         |               |
| 11.0 |                | 60                                     | ├              |  | ┼  | <del> </del>                                     | ┢  | ╁┈   | -            | -            | $\vdash$         |               |
| 1.1  |                | 60<br>61<br>62<br>63<br>64<br>65<br>66 | $\vdash$       |  | $\vdash$   | $\vdash$   | $\vdash$   | +  |              |              | $\vdash$         | 1             |
| 900  |                | 62                                     | $t^-$          | $\vdash$   | <del>  -</del>                                   | $\vdash$   | $\vdash$   | $\vdash$   | <del> </del> | <del> </del> | $\vdash$         | 1             |
| 1    |                | 63                                     | T              |  |  | T  | $\vdash$   | T  | 1            | $\vdash$     | +                | 1             |
|      |                | 64                                     | $\vdash$       | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | 1            | $\vdash$     | $\vdash$         |               |
| 1    | 1              | 65                                     | <b>†</b>       |  | <del>                                     </del> | T-   | Т  | †  | T            |              | Т                | 1             |
|      |                | 66                                     |                |  | T  |  | T  | П  | T            |              | T                | 1             |
|      |                | 67                                     | Ì              |  |  |  | Π  | $\Box$   | 1            |              | Π                | 1             |
|      |                | 68                                     |                |  |  |  | Γ  |  |              |              |                  | J             |
|      | -              | 68<br>69                               |                |  |  |  | Γ  |  |              |              | Γ                | 1             |
|      |                | 70                                     |                |  |  | L  |  |  |              |              |                  |               |
|      |                | 71                                     |                |  |  |  |  |  |              |              |                  | ]             |
|      |                | 72                                     |                |  |  |  |  |  |              |              |                  |               |
| . 10 |                | 71<br>72<br>73<br>74<br>75             |                |  | L.   |  |  | 匚  | 匚            |              |                  |               |
| 1    |                | 74                                     |                | _  | L.   | Ĺ  | Ĺ  |  |              |              |                  |               |
|      |                | 75                                     | L_             |  | ļ  |  | L  | $oxed{\Box}$                                     |              |              |                  | Į             |
|      |                | 76                                     | <u> </u>       | ļ  | <u> </u>   | _  | _  | 1  |              |              | $ldsymbol{oxed}$ | 1             |
|      |                | 77                                     | <u> </u>       | _  | <u> </u>   | <b> </b>   | _  | <u> </u>   | _            | _            | <u> </u>         | 4             |
|      |                | 76<br>77<br>78<br>79                   | <u> </u>       | <u> </u>   | ⊢  | <b>—</b>   | _  | <u> </u>   | <u> </u>     | <b>L</b>     | _                | 4             |
|      | <u> </u>       | 79                                     | $\vdash$       | _  | <u> </u>   |  | _  | <u> </u>   | $\vdash$     | <u> </u>     | _                | 1             |
|      | -              | 80                                     | <del> </del>   |  | <del> </del> —                                   | $\vdash$   | $\vdash$   |  |              |              | <u> </u>         | $\frac{1}{2}$ |
|      | -              | 81                                     | $\vdash$       | -  | -  | $\vdash$   |  |  | $\vdash$     | $\vdash$     | $\vdash$         | $\frac{1}{2}$ |
|      | <del>  -</del> | 82<br>83                               | $\vdash$       | <u> </u>   | $\vdash$   |  | $\vdash$   | ├-   | -            | ├-           | -                | 1             |
| 165  | -              | 84                                     | $\vdash$       | ├-   | $\vdash$   | -  | -  | ├  |              | -            | -                | 1             |
|      | -              | 85                                     | $\vdash$       | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$         | 1             |
|      | <del> </del>   | 86                                     |                | -  | $\vdash$   | -  | -  | <del>                                     </del> | -            | -            | -                | 1             |
| 30   |                | 87                                     |                |  | <del>                                     </del> | <del> </del>                                     | -  |  | -            |              | -                | 1             |
| 60   |                | 88                                     | _              | <u> </u>   |  |  |  |  |              |              |                  | ١             |
|      |                | 89                                     |                |  |  | _  |  | $\vdash$   | Т            |              |                  | 1             |
|      |                | 90                                     |                |  |  |  |  |  | П            |              |                  | 1             |
| 10   |                | 91                                     |                |  |  |  |  |  |              |              |                  | 1             |
|      |                | 92                                     |                |  |  |  |  |  |              |              |                  | 1             |
| į.   |                | 93                                     |                |  |  |  |  |  |              |              |                  |               |
| å.   |                | 94                                     |                |  | $\Box$   |  |  |  |              |              |                  |               |
|      |                | 95                                     |                |  |  |  |  |  |              |              |                  | 1             |
|      |                | 96                                     |                |  |  |  |  |  |              |              |                  | Į             |
|      |                | 97                                     |                |  |  |  | $\Box$   | $oxed{igsquare}$                                 | Ш            |              | _                | I             |
| - 12 |                | 98                                     | Ш              |  |  | Ш  |  |  | Ш            |              |                  | l             |
|      |                | 99                                     | Ш              |  | Щ  |  |  |  | Ш            |              |                  | 1             |
| 100  | L              | 100                                    |                |  |  |  |  |  |              |              |                  | ١             |

| Cla                 | aim                             | Date            |          |   |                   |          |              |              |                                     |                      |
|---------------------|---------------------------------|-----------------|----------|---|-------------------|----------|--------------|--------------|-------------------------------------|----------------------|
|                     | i .                             |                 |          |   | Π                 | T        | Π            | П            |                                     | П                    |
| <u>7</u>            | Original                        |                 |          |   |                   |          |              |              |                                     |                      |
| Final               | ğ                               |                 |          |   |                   |          |              |              |                                     |                      |
| -                   | Ō                               |                 |          | ļ   |                   |          |              |              |                                     |                      |
| <b>-</b>            | 101                             | ┪               | ┢╌       |   | ╁                 | ┼-       | ╁╌           | ┼─           | $\vdash$                            | $\vdash$             |
| <u> </u>            | 101<br>102                      | $\vdash$        | ╁        | +-  | ⊢                 | ╁╌       | -            | ┼─           | -                                   | Н                    |
|                     | 103                             | ⊢               | ┢        | ┥   | H                 | ╁        | ⊢            | ┾┈           | +-                                  | Н                    |
|                     | 103                             | $\vdash$        | ├        | ╁   | ╁                 | $\vdash$ | -            | ╀            | ⊢                                   | Н                    |
|                     | 104<br>105                      | ⊢               | ⊢        | ├   | $\vdash$          | ╀        | ├-           | ├            | ├-                                  | $\vdash$             |
|                     | 105                             | <del> -</del> - | ⊢        | ┢   | ⊢                 | ╀        | ┢            | ├-           | ┝                                   | $\vdash$             |
| -                   | 106                             |                 | <u> </u> | ⊢   | ⊢                 | ╀        | ╄            | _            | ├_                                  | $\vdash$             |
|                     | 107                             | <u> </u>        | ┝        | ┡   | ┡                 | ╀        | ┞            | <u> </u>     | <u> </u>                            |                      |
|                     | 108                             | _               | <u> </u> | ┞_  | <b>├</b>          | <u> </u> | ┞            | <u> </u>     | <b> </b> _                          | Ш                    |
|                     | 109                             |                 | _        | <u> </u>  | ╙                 | ┡-       | L            | _            | L                                   | Ш                    |
|                     | 110<br>111                      | <b> </b>        | ╙        |   | $oxed{igspace}$   | ╙        | <u> </u>     | L            | L                                   |                      |
|                     | 111                             |                 | <u> </u> | _   | 辶                 | _        | $oxed{oxed}$ | L            | L                                   | Ш                    |
| <u></u>             | 112                             |                 | <u> </u> | <u> </u>  | $ldsymbol{f eta}$ | $\perp$  | <u> </u>     | ↓_           | <u> </u>                            | Ш                    |
|                     | 113<br>114<br>115<br>116        |                 | _        |   | L                 |          |              | $\perp$      | L                                   |                      |
|                     | 114                             | _               | _        | _   | <u> </u>          |          |              | _            |                                     | Ш                    |
|                     | 115                             |                 |          |   |                   |          | _            | oxdot        | ╚                                   |                      |
|                     | 116                             |                 |          |   |                   |          |              |              |                                     |                      |
|                     | 117                             |                 |          |   |                   |          |              |              |                                     |                      |
|                     | 118                             |                 |          |   |                   |          |              |              |                                     | П                    |
|                     | 119                             |                 |          |   |                   |          |              | Г            |                                     | П                    |
|                     | 120                             |                 |          |   |                   |          | _            | $\vdash$     | Т                                   | П                    |
|                     | 121                             |                 |          |   | _                 | $\vdash$ |              | $\vdash$     | Т                                   | П                    |
|                     | 121<br>122<br>123               |                 |          |   | _                 | 1        | _            | _            | $\vdash$                            | Н                    |
| $\Box$              | 123                             |                 | $\vdash$ | _   | _                 | H        | -            | H            | H                                   | Н                    |
| $\vdash$            | 124<br>125<br>126               | $\vdash$        | $\vdash$ | $\vdash$  | $\vdash$          |          |              | ╁            |                                     | Н                    |
| -                   | 125                             |                 | ┝        | -   | $\vdash$          | H        | ┢            | $\vdash$     | -                                   | H                    |
| -                   | 126                             |                 | $\vdash$ |   | -                 | -        | -            |              | -                                   | $\vdash$             |
| $\vdash$            | 127                             |                 |          |   | -                 |          | -            | ├            | -                                   | $\vdash\vdash\vdash$ |
| $\vdash$            | 127<br>128<br>129<br>130<br>131 |                 |          |   |                   | H        | $\vdash$     | ┝            |                                     | $\vdash$             |
| -                   | 120                             |                 |          | -   | -                 | -        |              | ├            | ┢                                   | Н                    |
|                     | 129                             |                 |          | _   |                   | $\vdash$ | -            | -            | <u> </u>                            | $\dashv$             |
| $\vdash$            | 130                             |                 |          |   |                   |          | <u> </u>     |              | _                                   | $\dashv$             |
| $\vdash$            | 131                             |                 |          | _   | -                 |          | <u> </u>     | ⊢            | <u> </u>                            | $\dashv$             |
| -                   | 132<br>133                      | _               |          | _   | ┝                 | _        | <u> </u>     | <u> </u>     | -                                   |                      |
|                     | 133                             | _               | <u> </u> | <u> </u>  | <u> </u>          | <u> </u> | <u> </u>     | <del> </del> | <u> </u>                            | $\vdash$             |
| $\vdash$            | 134                             | _               | _        | <u> </u>  | <b> </b>          | <u> </u> | _            | ├_           | $\vdash$                            | Щ                    |
| igwdapprox          | 135                             |                 |          | <u> </u>  | <u> </u>          | $\vdash$ | <u> </u>     | ⊢            | $\vdash$                            | Щ                    |
| $\vdash$            | 136                             |                 |          | _   | _                 | Ш        | <u> </u>     | Щ.           | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Щ                    |
| $\vdash \vdash$     | 137                             |                 |          | <u> </u>  | <u> </u>          | Щ        |              |              | <u> </u>                            | $\sqcup$             |
| $\vdash$            | 138<br>139                      |                 |          |   | L                 | Щ        | L            | Щ            | Ш                                   |                      |
| $\sqcup \downarrow$ | 139                             |                 |          | $ldsymbol{ld}}}}}}$ |                   | Ш        | L            | <u> </u>     | $oxed{\Box}$                        | Ш                    |
| igsquare            | 140                             |                 |          |   | _                 |          | _            | Щ            | Щ                                   |                      |
|                     | 141                             |                 |          |   |                   |          |              |              |                                     |                      |
|                     | 142                             |                 |          |   |                   |          |              |              |                                     |                      |
| T                   | 143                             |                 |          |   |                   |          |              |              |                                     |                      |
|                     | 144                             |                 |          |   |                   | П        |              |              |                                     |                      |
|                     | 145                             |                 |          |   |                   | П        |              |              |                                     | ヿ                    |
| $\Box$              | 146                             | $\exists$       |          |   |                   | $\vdash$ |              |              | $\neg$                              | $\neg$               |
|                     | 147                             |                 | _        | -   |                   | М        |              | Н            | $\neg$                              | $\dashv$             |
|                     | 148                             | $\dashv$        | $\dashv$ | $\dashv$  |                   | $\vdash$ | $\neg$       |              | $\neg$                              | $\dashv$             |
| $\vdash$            | 149                             | $\dashv$        |          | -   |                   | $\vdash$ | $\neg$       | $\vdash$     | -                                   | $\dashv$             |
| $\vdash$            | 150                             | $\dashv$        | -        | $\dashv$  |                   | $\vdash$ | $\dashv$     | -            | -                                   | $\dashv$             |
|                     | 150                             | 1               |          |   |                   |          |              |              |                                     |                      |